

in paragraphs (1) through (3), below. A submitted tape shall satisfy the format specifications described in paragraph (4), below.

(1) Computer: IBM PC/XT/AT, IBM PS/2 or compatibles;

(i) Operating system: PC-DOS or MS-DOS (Versions 2.1 or above);

(ii) Line Terminator: ASCII Carriage Return plus ASCII Line Feed;

(iii) Pagination: ASCII Form Feed or Series of Line Terminators;

(iv) End-of-File: ASCII SUB (Ctrl-Z);

(v) Media: (A) Diskette—5.25 inch, 360 Kb storage;

(B) Diskette—5.25 inch, 1.2 Mb storage;

(C) Diskette—3.50 inch, 720 Kb storage;

(D) Diskette—3.5 inch, 1.44 Mb storage;

(vi) Print Command: PRINT filename.extension;

(2) Computer: IBM PC/XT/AT, IBM PS/2 or compatibles;

(i) Operating system: Xenix;

(ii) Line Terminator: ASCII Carriage Return;

(iii) Pagination: ASCII Form Feed or Series of Line Terminators;

(iv) End-of-File: None;

(v) Media: (A) Diskette—5.25 inch, 360 Kb storage;

(B) Diskette—5.25 inch, 1.2 Mb storage;

(C) Diskette—3.50 inch, 720 Kb storage;

(D) Diskette—3.5 inch, 1.44 Mb storage;

(vi) Print Command: Ipr filename;

(3) Computer: Apple Macintosh;

(i) Operating System: Macintosh;

(ii) Macintosh File Type: text with line termination

(iii) Line Terminator: Pre-defined by text type file;

(iv) Pagination: Pre-defined by text type file;

(v) End-of-file: Pre-defined by text type file;

(vi) Media: (A) Diskett—3.50 inch, 400 Kb storage;

(B) Diskette—3.50 inch, 800 Kb storage;

(C) Diskette—3.50 inch, 1.4 Mb storage;

(vii) Print Command: Use PRINT command from any Macintosh Applica-

tion that processes text files, such as MacWrite or Teach Text;

(4) Magnetic tape: 0.5 inch, up to 2400 feet;

(i) Density: 1600 or 6250 bits per inch, 9 track;

(ii) Format: raw, unblocked;

(iii) Line Terminator: ASCII Carriage Return plus optional ASCII Line Feed;

(iv) Pagination: ASCII Form Feed or Series of Line Terminators;

(v) Print Command (Unix shell version given here as sample response—mt/dev/rmt0; lpr/dev/rmt0);

(g) Computer readable forms that are submitted to the Office will not be returned to the applicant.

(h) All computer readable forms shall have a label permanently affixed thereto on which has been hand printed or typed, a description of the format of the computer readable form as well as the name of the applicant, the title of the invention, the date on which the data were recorded on the computer readable form and the name and type of computer and operating system which generated the files on the computer readable form. If all of this information cannot be printed on a label affixed to the computer readable form, by reason of size or otherwise, the label shall include the name of the applicant and the title of the invention and a reference number, and the additional information may be provided on a container for the computer readable form with the name of the applicant, the title of the invention, the reference number and the additional information affixed to the container. If the computer readable form is submitted after the date of filing under 35 U.S.C. 111, after the date of entry in the national stage under 35 U.S.C. 371 or after the time of filing, in the United States Receiving Office, an international application under the PCT, the labels mentioned herein must also include the date of the application and the application number, including series code and serial number.

§ 1.825 Amendments to or replacement of sequence listing and computer readable copy thereof.

(a) Any amendment to the paper copy of the "Sequence Listing" (§ 1.821(c)) must be made by the submission of

substitute sheets. Amendments must be accompanied by a statement that indicates support for the amendment in the application, as filed, and a statement that the substitute sheets include no new matter. Such a statement must be a verified statement if made by a person not registered to practice before the Office.

(b) Any amendment to the paper copy of the "Sequence Listing," in accordance with paragraph (a) of this section, must be accompanied by a substitute copy of the computer readable form (§1.821(e)) including all previously submitted data with the amendment incorporated therein, accompanied by a statement that the copy in computer readable form is the same as the substitute copy of the "Sequence Listing." Such a statement must be a verified statement if made by a person not registered to practice before the Office.

(c) Any appropriate amendments to the "Sequence Listing" in a patent, e.g., by reason of reissue or certificate of correction, must comply with the requirements of paragraphs (a) and (b) of this section.

(d) If, upon receipt, the computer readable form is found to be damaged or unreadable, applicant must provide, within such time as set by the Commissioner, a substitute copy of the data in computer readable form accompanied by a statement that the substitute data is identical to that originally filed. Such a statement must be a verified statement if made by a person not registered to practice before the Office.

APPENDIX A TO SUBPART G TO PART 1— SAMPLE SEQUENCE LISTING

(I) GENERAL INFORMATION:

- (i) APPLICANT: Doe, Joan X, Doe, John Q
- (ii) TITLE OF INVENTION: Isolation and Characterization of a Gene Encoding a Protease from *Paramecium* sp.
- (iii) NUMBER OF SEQUENCES: 2
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Smith and Jones

- (B) STREET: 123 Main Street
- (C) CITY: Smalltown
- (D) STATE: Anystate
- (E) COUNTRY: USA
- (F) ZIP: 12345
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
 - (B) COMPUTER: Apple Macintosh
 - (C) OPERATING SYSTEM: Mcintosh 5.0
 - (D) SOFTWARE: MacWrite
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/999,999
 - (B) FILING DATE: 28-FEB-1989
 - (C) CLASSIFICATION: 999/99
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: PCT/US88/99999
 - (B) FILING DATE: 01-MAR-1988
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Smith, John A.
 - (B) REGISTRATION NUMBER: 00001
 - (C) REFERENCE/DOCKET NUMBER: 01-0001
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (909) 999-0001
 - (B) TELEFAX: (909) 999-0002
- (2) INFORMATION FOR SEQ ID NO: 1:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 954 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: genomic DNA
- (iii) HYPOTHETICAL: yes
- (iv) ANTI-SENSE: no
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: *Paramecium* sp
 - (C) INDIVIDUAL/ISOLATE: XYZ2
 - (G) CELL TYPE: unicellular organism
- (vii) IMMEDIATE SOURCE:
 - (A) LIBRARY: genomic
 - (B) CLONE: Para-XYZ2/36
- (x) PUBLICATION INFORMATION:
 - (A) AUTHORS: Doe, Joan X, Doe, John Q
 - (B) TITLE: Isolation and Characterization of a Gene Encoding a Protease from *Paramecium* sp.
 - (C) JOURNAL: Fictional Genes
 - (D) VOLUME: I
 - (E) ISSUE: 1
 - (F) PAGES: 1-20
 - (G) DATE: 02-MAR-1988
 - (K) RELEVANT RESIDUES IN SEQ ID NO: 1: FROM 1 TO 954